

Title (en)

Amino composition and process for producing the same

Title (de)

Aminzusammensetzung und Verfahren zu ihrer Herstellung

Title (fr)

Composition comprenant une amine et procédé pour sa préparation

Publication

EP 1375554 B1 20070919 (EN)

Application

EP 03013367 A 20030617

Priority

- JP 2002176977 A 20020618
- JP 2002176980 A 20020618

Abstract (en)

[origin: EP1375554A1] An object of the present invention is to provide an amino composition which provides, when used as a curing agent for epoxy resin, a long pot life and an excellent appearance of a coating film to an epoxy resin composition without deteriorating the reactivity of the composition. The amino composition is obtained by addition reaction of diamine such as metaxylylenediamine and 1,3-bis (aminomethyl) cyclohexane and styrene, wherein the content of the diamine is less than 15% by weight based upon the total weight of the amino composition and the content of 1-addition product of having one phenethyl group is 50 to 100% by weight based upon the total weight of amino compound(s) obtained by the addition reaction.

IPC 8 full level

C08G 59/50 (2006.01); **C07C 209/60** (2006.01); **C07C 211/18** (2006.01); **C07C 211/27** (2006.01)

CPC (source: EP US)

C07C 209/60 (2013.01 - EP US); **C07C 211/18** (2013.01 - EP US); **C07C 211/27** (2013.01 - EP US); **C08G 59/5026** (2013.01 - EP US); **C08G 59/5033** (2013.01 - EP US); **C07C 2601/14** (2017.04 - EP US)

Cited by

CN104974333A; US8063157B2; WO2005123800A1; WO2013131776A1

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 1375554 A1 20040102; **EP 1375554 B1 20070919**; CN 1267468 C 20060802; CN 1468883 A 20040121; DE 60316383 D1 20071031; DE 60316383 T2 20080612; US 2004044176 A1 20040304; US 6908982 B2 20050621

DOCDB simple family (application)

EP 03013367 A 20030617; CN 03149428 A 20030618; DE 60316383 T 20030617; US 46359403 A 20030618